

Abstract

09/484, 253

Homeotropically oriented layers and films of liquid
5 crystals especially on polymeric substrates. The layers and films, which
also can be multi-layered films comprising a homeotropically aligned
anisotropic film, are preparable by application of an orientation layer to the
substrate. The orientation layer can be either an organic surfactant which
10 is fixed in a matrix of a polymeric material or an inorganic thin layer such
as aluminum or Al_2O_3 .

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RECORDED - 011806